LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012600.D
Acq On : 18 Nov 2020 18:54
Operator : CG/JU
Sample : L4726-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.640	21	26	35	rBV	232160	408114	8.93%	0.990%
2	2.716	35	39	54	rVB	635637	851156	18.63%	2.064%
3	2.981	80	84	93	rVB	41749	65518	1.43%	0.159%
4	3.693	201	205	210	rBV3	12198	16808	0.37%	0.041%
5	4.046	264	265	270	rVV5	4095	5692	0.12%	0.014%
6	4.228	294	296	301	rVB5	6153	6828	0.15%	0.017%
7	4.281	303	305	309	rBV5	3926	6271	0.14%	0.015%
8	5.410	493	497	500	rVB4	4026	4941	0.11%	0.012%
9	6.634	700	705	714	rBV	125276	203754	4.46%	0.494%
10	6.799	726	733	743	rBV	473550	758859	16.61%	1.841%
11	6.981	758	764	774	rBV	577437	893776	19.56%	2.168%
12	7.446	837	843	853	rBV	504380	800258	17.52%	1.941%
13	7.522	854	856	862	rVV4	8285	10577	0.23%	0.026%
14	8.157	958	964	979	rBV	385504	620835	13.59%	1.506%
15	8.598	1032	1039	1056	rBV	647067	1107274	24.24%	2.686%
16	9.016	1107	1110	1116	rVB4	5148	8447	0.18%	0.020%
17	9.163	1131	1135	1141	rVB4	2398	5022	0.11%	0.012%
18	9.310	1151	1160	1168	rBV	611979	982921	21.52%	2.384%
19	9.840	1243	1250	1264	rBV	764817	1327010	29.05%	3.218%
20	9.934	1264	1266	1271	rVB4	5839	8450	0.18%	0.020%
21	10.210	1307	1313	1319	rBV	638890	1067969	23.38%	2.590%
22	10.263	1319	1322	1327	rVB	31022	45647	1.00%	0.111%
23	10.363	1333	1339	1348	rBV3	34847	79013	1.73%	0.192%
24	11.504	1529	1533	1537	rBV5	7655	13055	0.29%	0.032%
25	11.816	1582	1586	1593	rVB3	8421	14638	0.32%	0.036%
26	11.881	1595	1597	1604	rVB3	2855	5749	0.13%	0.014%
27	12.939	1775	1777	1781	rVV5	4455	6176	0.14%	0.015%
28	13.004	1784	1788	1791	rBV4	4813	5977	0.13%	0.014%
29	13.528	1869	1877	1881	rVV	1634515	2269953	49.69%	5.505%
30	13.569	1881	1884	1892	rVB	180803	259476	5.68%	0.629%
31	13.792	1915	1922	1932	rBV	1766877	2494606	54.61%	6.050%
32	14.104	1968	1975	1984	rBV	1018715	1462199	32.01%	3.546%
33	14.175	1984	1987	1992	rVB6	6622	8964	0.20%	0.022%
34	14.328	2008	2013	2024	rBV2	75664	158365	3.47%	0.384%

LSC Area Percent Report

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Acq On : 18 Nov 2020 18:54
Operator : CG/JU
Sample : L4726-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Title : SVOA CALIBRATION

35	14.557	2047	2052	2056	rVB3	3573	6762	0.15%	0.016%
36	14.869	2101	2105	2109	rVV2	11700	16412	0.36%	0.040%
37	14.928	2112	2115	2118	rBV3	4508	5819	0.13%	0.014%
38	15.104	2139	2145	2161	rBV	2235106	3145054	68.84%	7.628%
39	15.233	2161	2167	2180	rVV	946501	1310605	28.69%	3.179%
40	15.345	2182	2186	2191	rVB2	25468	40021	0.88%	0.097%
41	15.522	2211	2216	2219	rVB5	3963	5997	0.13%	0.015%
42	15.616	2228	2232	2234	rBV3	10905	14690	0.32%	0.036%
43	15.786	2255	2261	2263	rBV7	3989	6289	0.14%	0.015%
44	15.892	2276	2279	2283	rVB4	10068	12963	0.28%	0.031%
45	16.292	2341	2347	2350	rBV7	6278	12753	0.28%	0.031%
46	16.363	2358	2359	2364	rVB4	4927	5820	0.13%	0.014%
47	16.533	2387	2388	2391	rVB3	6027	5108	0.11%	0.012%
48	16.639	2404	2406	2409	rBV4	8358	11135	0.24%	0.027%
49	16.857	2437	2443	2453	rBV	1272168	1727166	37.81%	4.189%
50	16.957	2453	2460	2475	rVB2	2497666	3617716	79.19%	8.774%
51	17.110	2484	2486	2491	rVB6	5020	6252	0.14%	0.015%
52	17.175	2494	2497	2499	rVB4	6818	7167	0.16%	0.017%
53	17.216	2501	2504	2505	rBV3	4874	5446	0.12%	0.013%
54	17.316	2517	2521	2522	rBV3	4613	4878	0.11%	0.012%
55	17.345	2522	2526	2529	rBV4	6671	9711	0.21%	0.024%
56	17.422	2536	2539	2540	rBV2	6940	6473	0.14%	0.016%
57	17.492	2549	2551	2553	rVV3	7269	6604	0.14%	0.016%
58	17.539	2555	2559	2564	rVB7	11574	18348	0.40%	0.045%
59	17.775	2594	2599	2606	rBV	248600	358618	7.85%	0.870%
60	17.933	2625	2626	2630	rVB4	6597	5508	0.12%	0.013%
61	18.086	2650	2652	2656	rVB5	5840	6652	0.15%	0.016%
62	18.210	2670	2673	2674	rBV3	6861	6959	0.15%	0.017%
63	18.304	2687	2689	2693	rBV5	10432	11274	0.25%	0.027%
64	18.380	2698	2702	2703	rVV3	8686	10526	0.23%	0.026%
65	18.633	2744	2745	2749	rBV4	8448	11028	0.24%	0.027%
66	18.810	2773	2775	2776	rBV	6727	4738	0.10%	0.011%
67	18.892	2786	2789	2793	rBV2	30142	37973	0.83%	0.092%
68	19.069	2815	2819	2824	rBV2	94263	123935	2.71%	0.301%
69	19.151	2830	2833	2837	rVB2	30156	36999	0.81%	0.090%
70	19.263	2846	2852	2865	rBV	3183636	4343520	95.08%	10.535%
71	20.763	3102	3107	3110	rBV	84761	136672	2.99%	0.331%

LSC Area Percent Report

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Acq On : 18 Nov 2020 18:54
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Sample : L4726-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Title : SVOA CALIBRATION

72	20.810	3110	3115	3121	rVV2	443896	681385	14.92%	1.653%
73	20.863	3121	3124	3132	rVB	315426	438909	9.61%	1.065%
74	21.068	3154	3159	3169	rBV	1729145	2112811	46.25%	5.124%
75	21.198	3178	3181	3185	rBV3	108195	137013	3.00%	0.332%
76	23.057	3491	3497	3503	rBV	2755685	4568446	100.00%	11.080%
77	23.186	3514	3519	3530	rVB	1207629	2204281	48.25%	5.346%

Sum of corrected areas: 41230734

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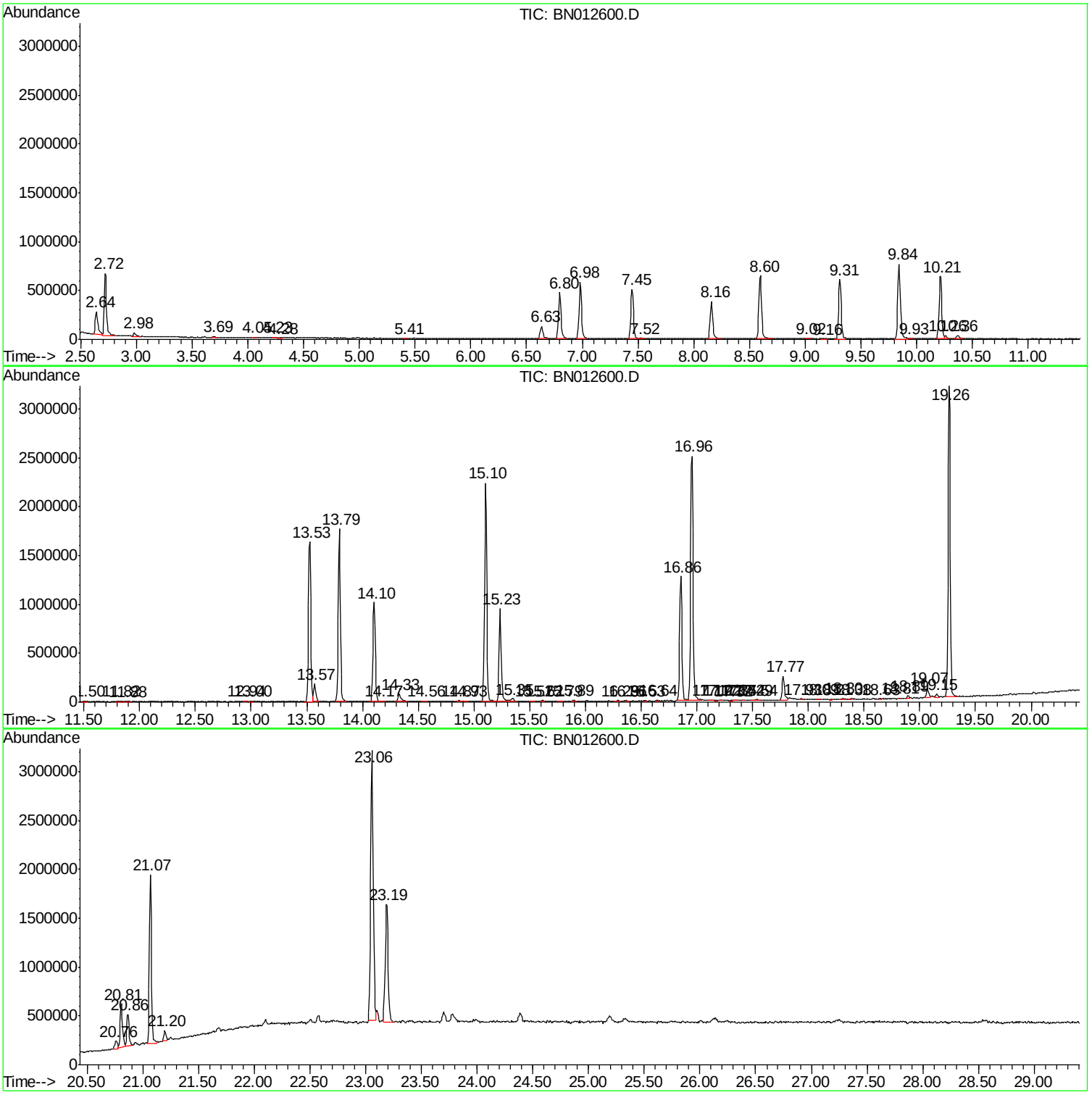
Instrument :
BNA_N
ClientSampleId :
DBGF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BN012600.D
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Operator : CG/JU
Sample : L4726-10
Misc :
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Instrument : BNA_N
ClientSampleId : DBGF5

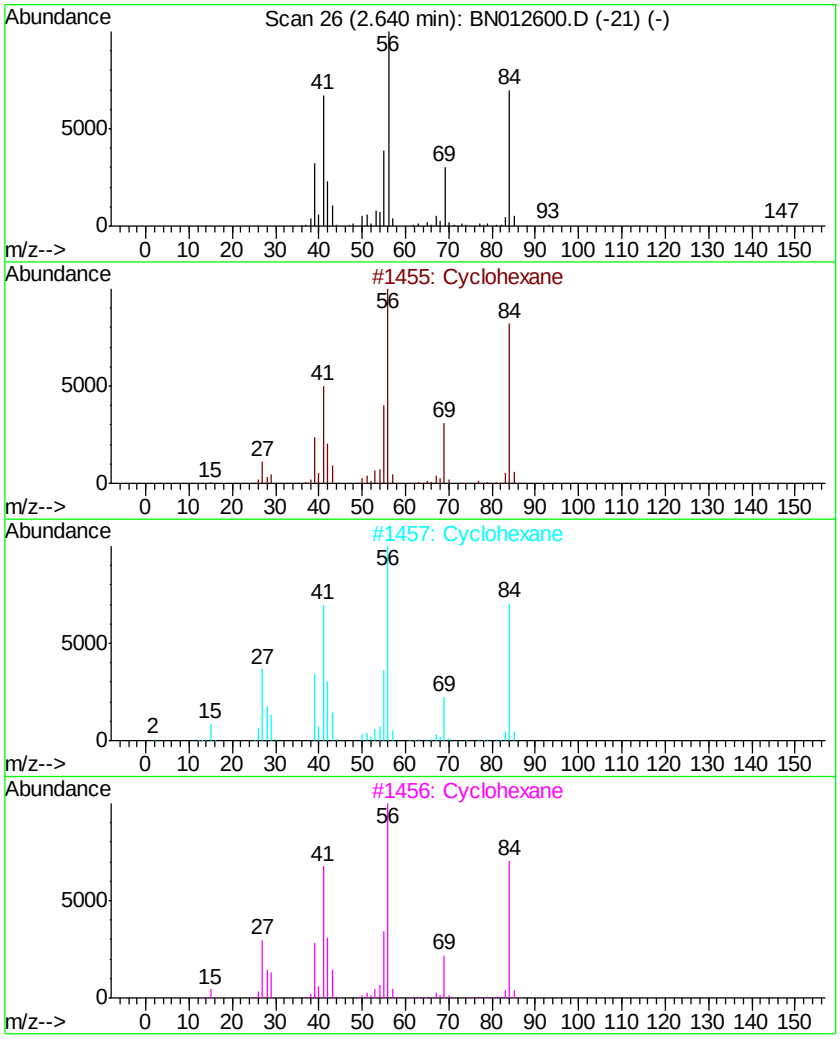
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

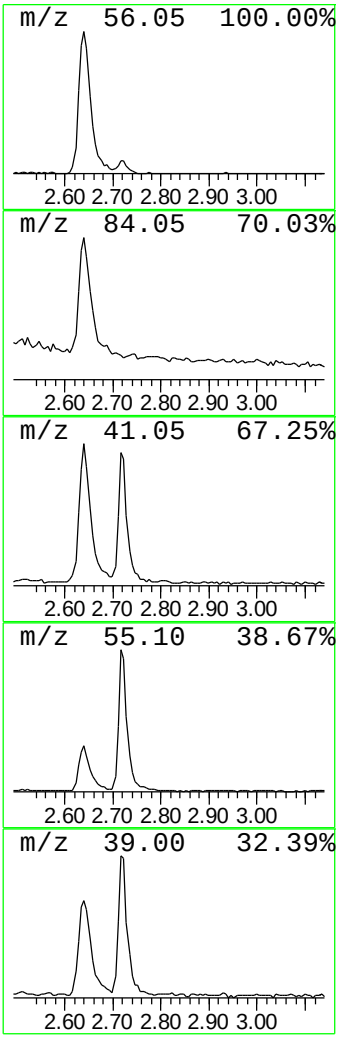
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic2.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.64	10.20 ng/ul	408114	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	94
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	74
4	Cyclohexane	84	C6H12	000110-82-7	72
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012600.D
Acq On : 18 Nov 2020 18:54
Operator : CG/JU
Sample : L4726-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

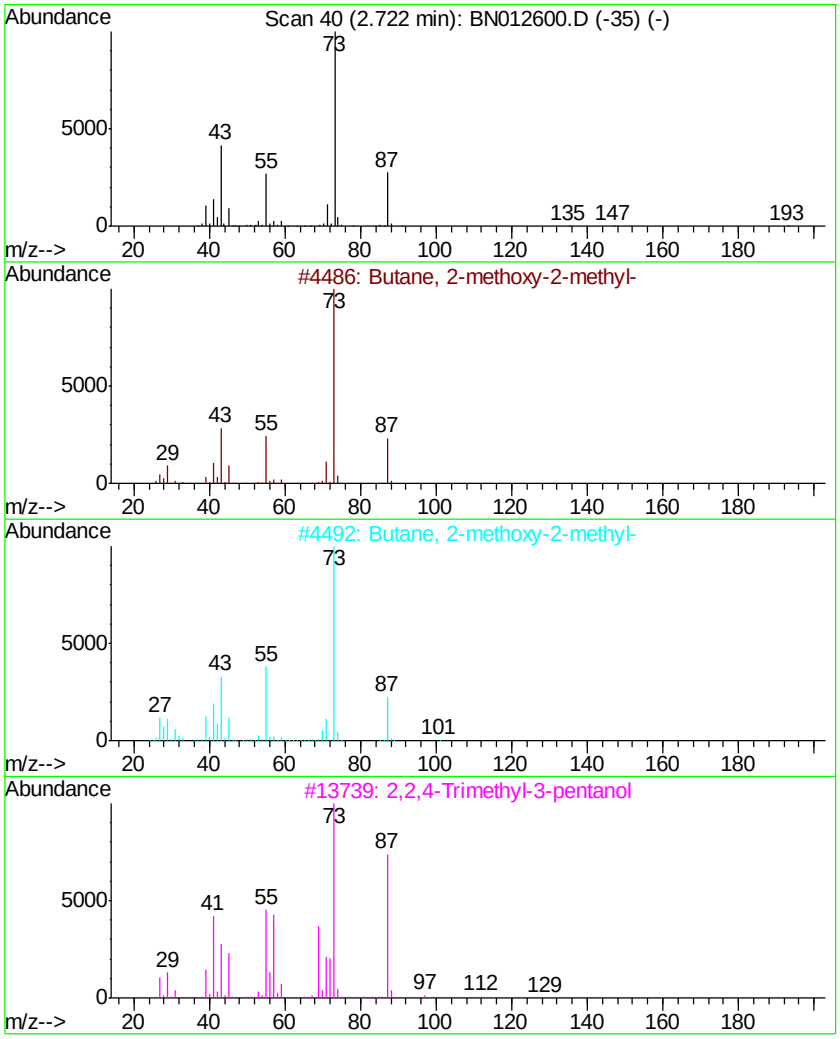
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

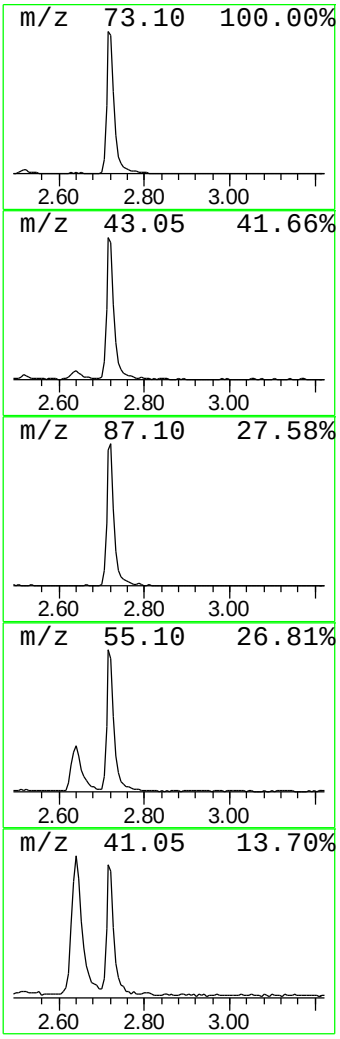
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	21.27 ng/ul	851156	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
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Sample : L4726-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

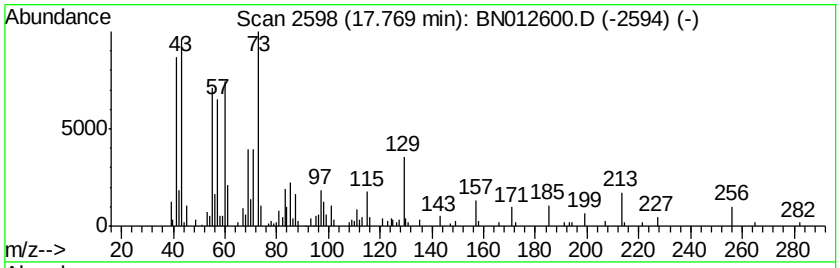
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

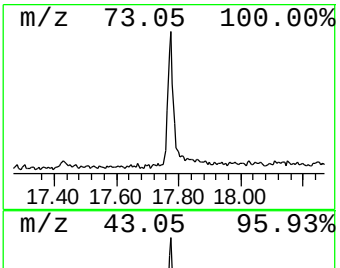
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	4.15 ng/ul	358618	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





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Instrument : BNA_N
ClientSampleId : DBGF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

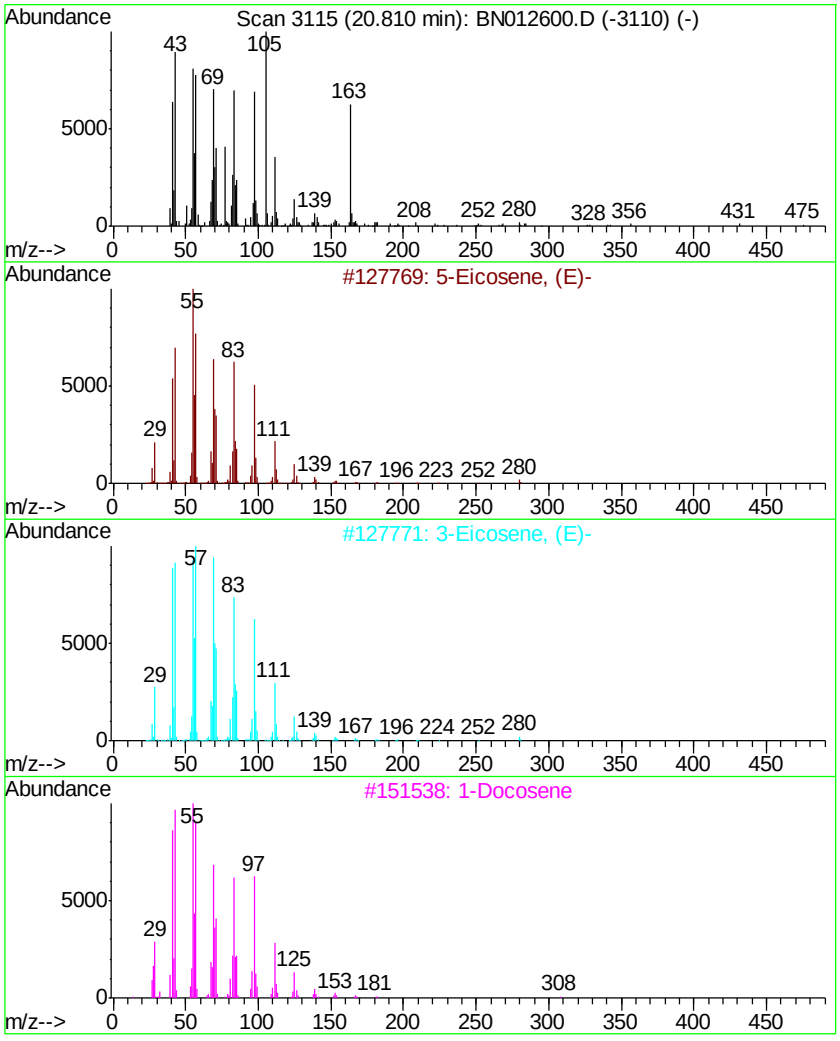
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

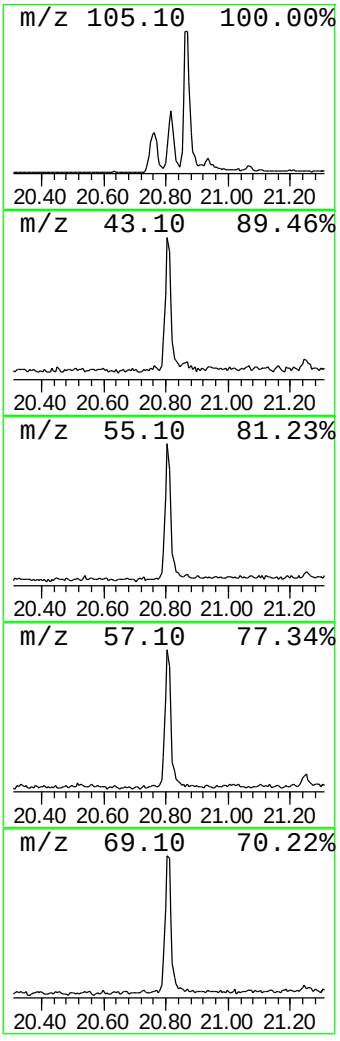
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	6.45 ng/ul	681385	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	1-Docosene	308	C22H44	001599-67-3	93
4	9-Nonadecene	266	C19H38	031035-07-1	87
5	Cycloeicosane	280	C20H40	000296-56-0	86





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Sample : L4726-10
Misc :
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Instrument : BNA_N
ClientSampleId : DBGF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

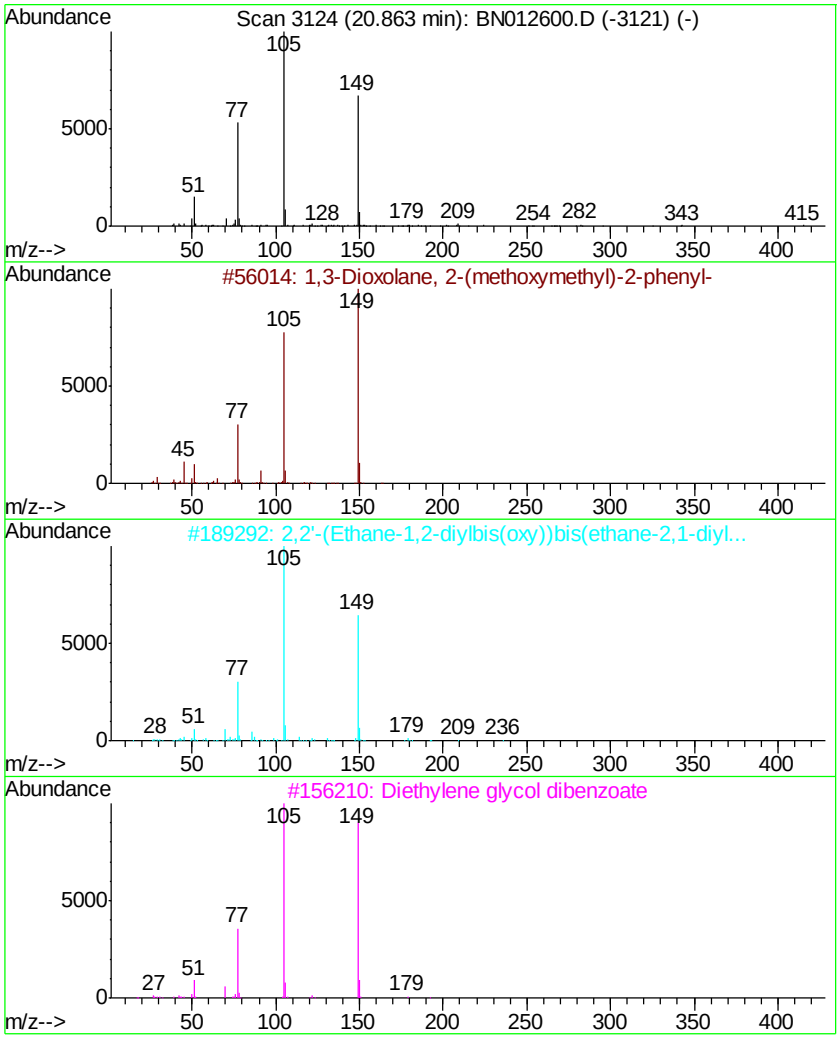
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

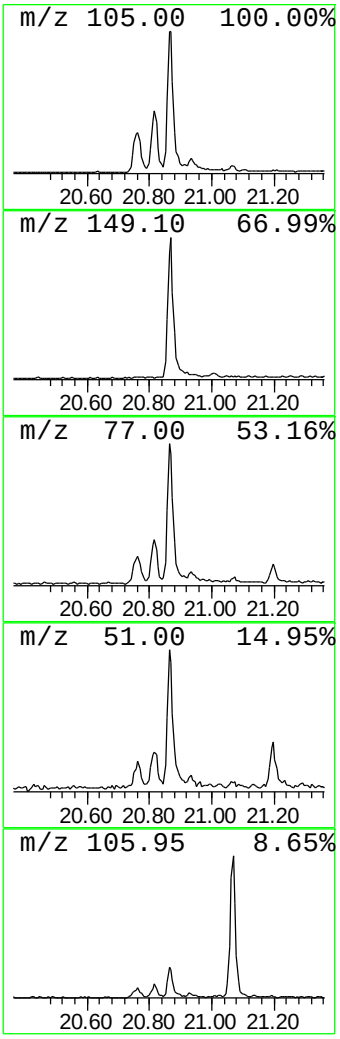
****

Peak Number 5 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	4.15 ng/ul	438909	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	78
2	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	78
3	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	53
4	Vinyl benzoate	148	C9H8O2	000769-78-8	46
5	Benzoyl bromide	184	C7H5BrO	000618-32-6	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111820\
Data File : BN012600.D
Acq On : 18 Nov 2020 18:54
Operator : CG/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	2.64	10.2	ng/ul	408114	1	7.45	800258	20.0
Butane, 2-methoxy...	2.72	21.3	ng/ul	851156	1	7.45	800258	20.0
n-Hexadecanoic acid	17.77	4.2	ng/ul	358618	4	16.86	1727170	20.0
(DEL) Alkane: Str...	20.81	6.5	ng/ul	681385	5	21.07	2112810	20.0
1,3-Dioxolane, 2-...	20.86	4.2	ng/ul	438909	5	21.07	2112810	20.0